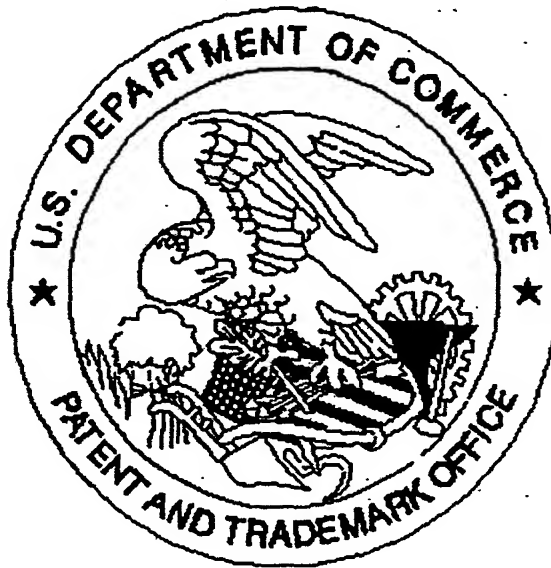


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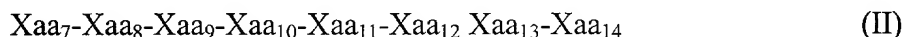
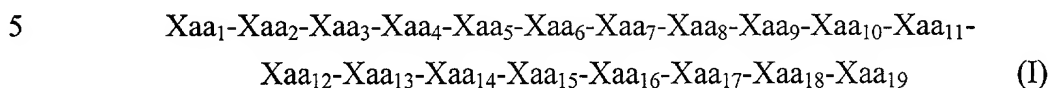
Application deficiencies found during scanning:

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40. A method of activating VEGF transcription in a mammalian cell comprising contacting a mammalian cell with a peptide of formula I or II:



10 wherein

 Xaa₁, Xaa₃, Xaa₅, Xaa₁₄, Xaa₁₅ and Xaa₁₆ are each a separate acidic amino acid;

 Xaa₂, Xaa₄, Xaa₇, Xaa₈, Xaa₁₁ and Xaa₁₉ are each a separate aliphatic amino acids;

15 Xaa₆, Xaa₁₀ and Xaa₁₈ are each a separate polar amino acid;

 Xaa₉ is hydroxyproline;

 Xaa₁₂ and Xaa₁₃ are separately an apolar amino acid such as methionine, glycine or proline; and

 Xaa₁₇ is an aromatic amino acid such as phenylalanine, tyrosine, tryptophan,
20 phenylglycine, naphthylalanine, β-2-thienylalanine, 1,2,3,4-tetrahydro-isoquinoline-3-carboxylic acid, 4-chlorophenylalanine, 2-fluorophenylalanine, 3-fluorophenylalanine, 4-fluorophenylalanine, pyridylalanine, or 3-benzothienyl alanine.

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41. The method of claim 40 wherein the acidic amino acid is aspartic acid or glutamic acid.

42. The method of claim 40 wherein the aliphatic amino acid is alanine,
30 valine, leucine, isoleucine, t-butylalanine, t-butylalanine, N-methylisoleucine, norleucine, N-methylvaline, cyclohexylalanine, β-alanine, N-methylglycine, or α-aminoisobutyric acid.

43. The method of claim 40 wherein the polar amino acid is asparagine, glutamine, serine, threonine, tyrosine, citrulline, N-acetyl lysine, methionine sulfoxide, or homoserine.
44. The method of claim 40 wherein the apolar amino acid is methionine, glycine or proline.
45. The method of claim 40 wherein the aromatic amino is phenylalanine, tyrosine, tryptophan, phenylglycine, naphthylalanine, β -2-thienylalanine, 1,2,3,4-tetrahydro-isoquinoline-3-carboxylic acid, 4-chlorophenylalanine, 2-fluorophenylalanine, 3-fluorophenylalanine, 4-fluorophenylalanine, pyridylalanine, or 3-benzothienyl alanine.
46. The method of claim 40 wherein the peptide comprises an amino acid sequence with at least 90% identity to SEQ ID NO:4, SEQ ID NO:5 or SEQ ID NO:7.
47. The method of claim 40 wherein the peptide has an amino acid sequence comprising SEQ ID NO:4, SEQ ID NO:5 or SEQ ID NO:7.
48. The method of claim 40 wherein the mammalian cell is a human cell and the method is performed in vivo.
49. The method of claim 40 wherein the method is performed in vitro.